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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/851,565	05/08/2001	Bidyut Parruck	AZA-003/2001-P003	3219
75	90 08/24/2005		EXAM	INER
RALPH A. DOWELL & DOWELL P.C. 2111 EISENHOWER AVE.			DUONG, DUC T	
SUITE 406 ALEXANDRIA, VA 22314			ART UNIT	PAPER NUMBER
			2663	

DATE MAILED: 08/24/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

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	Application No.	Applicant(s)	
Office Antique Commence	09/851,565	PARRUCK ET AL.	
Office Action Summary	Examiner	Art Unit	
	Duc T. Duong	2663	
The MAILING DATE of this communication appeariod for Reply	pears on the cover sheet with the	correspondence address	
A SHORTENED STATUTORY PERIOD FOR REPL THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.1 after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a replection of the period for reply is specified above, the maximum statutory period. - Failure to reply within the set or extended period for reply will, by statute any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	136(a). In no event, however, may a reply be tilly within the statutory minimum of thirty (30) da will apply and will expire SIX (6) MONTHS from a, cause the application to become ABANDONI	mely filed ys will be considered timely. n the mailing date of this communication. ED (35 U.S.C. § 133).	
Status			
 1) ⊠ Responsive to communication(s) filed on <u>08 №</u> 2a) ☐ This action is FINAL. 2b) ⊠ This 3) ☐ Since this application is in condition for allowated in accordance with the practice under № 	s action is non-final. ince except for formal matters, pr		
Disposition of Claims	•		
4) Claim(s) 20-22 and 34-44 is/are pending in the 4a) Of the above claim(s) is/are withdra 5) Claim(s) 20-22 and 34-40 is/are allowed. 6) Claim(s) 41 and 44 is/are rejected. 7) Claim(s) 42 and 43 is/are objected to. 8) Claim(s) are subject to restriction and/or are subjected to by the Examine 10) The drawing(s) filed on is/are: a) accomposition and policinal may not request that any objection to the	wn from consideration. or election requirement. er. cepted or b) objected to by the		
Replacement drawing sheet(s) including the correct to by the E:	tion is required if the drawing(s) is ob	pjected to. See 37 CFR 1.121(d).	
Priority under 35 U.S.C. § 119			
 12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of: 1. Certified copies of the priority document 2. Certified copies of the priority document 3. Copies of the certified copies of the priority application from the International Burea * See the attached detailed Office action for a list 	ts have been received. ts have been received in Applicat prity documents have been receiv u (PCT Rule 17.2(a)).	ion No ed in this National Stage	
Attachment(s)	_		
 Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (PTO-948) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date <u>5/8/01 & 9/19/01</u>. 	4) Interview Summary Paper No(s)/Mail D 5) Notice of Informal I 6) Other:		

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Art Unit: 2663

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.
- 2. Claims 41 and 44 are rejected under 35 U.S.C. 102(b) as being anticipated by Dai (US Patent 5,781,549).

Regarding to claim 41, Dai discloses a network device 100 having one or more ports 101-124 (fig. 1), comprising a packet processing unit 200 (memory manager) for storing information (noted the information referred to packet information, which is also cell information) into a memory 210 with buffers of equal size (fig. 3 col. 5 lines 12-23), wherein the packet processing unit 200 included a reassembly means 700 for receiving said information from the memory 210 and for performing one reassembly process per port (fig. 7 col. 10 lines 29-35; noted the linked list control logic 750 maintains one packet transmission line (reassembly process) per port) such that no more than one reassembly context is maintained for each port (fig. 8 col. 10 lines 57-67; a packet attribute 820 (reassembly context is maintained for each port)).

Regarding to claim 44, Dai discloses the reassembly means 700 processes the information with various assembly operations based on the header (type of information), col. 9 lines 46-51.

Allowable Subject Matter

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3. Claims 42 and 43 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Claims 20-22 and 34-40 are allowed.

The following is a statement of reasons for the indication of allowable subject matter: The prior art of record fails to teach or make obvious the step of or means for "retrieving from the plurality of buffers the data payloads of one of the groups of switch cells destined for each of the output ports, and outputting from the integrated circuit the data payloads retrieved such that a reassembled packet is transmitted onto a fiber optic cable for each of the groups of switch cells retrieved, the reassembled packet of a group comprising the data payloads of the switch cells of the group, the data payloads of no more than one group for each output port being output at any one time", when the retrieving is considered within the specific structure of the method recited in claim 20. The prior art of record fails to teach or make obvious the step of or means for "using the running byte count to reassemble the chucks such that the chunks form a packet, wherein the integrated circuit us usable in an ingress and in an egress mode, wherein in the ingress mode the packet is transferred to a switch fabric, and wherein in the egress mode the packet is transmitted onto a network", when the retrieving is considered within the specific structure of the method recited in claim 20.

Conclusion

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Duc T. Duong whose telephone number is 571-272-3122. The examiner can normally be reached on M-F (9:00 AM-5:00 PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ricky Q. Ngo can be reached on 571-272-3139. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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> RICKY NGO PRIMARY EXAMINER